

Answer Key – subtraction & problem solving 3

$$10000 - 3987 - 543 - 12 = 5458$$

$$398765 - 98764 - 8765 - 431 - 90 = 290715$$

$$987654 - 5432 - 803 - 61 = 981358$$

$$987169 - 643 - 910 = 985616$$

$$563205 - 9002 - 546 - 87 - 12 = 553558$$

If a railway line used 2500 railway sleepers per kilometer, how many railway sleepers are needed for a 150 km track? **375000**

Each year $\frac{1}{8}^{\text{th}}$ of the sleepers are replaced with new ones. How many sleepers are replaced each year? **46875**

A backpacker walked 26.3 km along an abandoned railway track on day one, he walked 18.5 km on day two, 23.5 km on day three, 9 km on day four and twice as far on day five as he did on day four. How many km did he walk in five days? **95.3 km**

Convert the above answer into metres. **95300 m**

Each year the backpacker walks ten days while on holidays with an average of nineteen kilometres a day. How many metres does he walk on his backpacking holiday? **190,000 m**

For every 95 km he walks, he needs to buy a new pair of walking boots which cost him \$67.95 each. How much has the backpacker paid out for walking boots over the last 3 years? **\$407.70**

Outcomes:

Mathematics – subtraction, addition, multiplication, problem solving, measurement

English – reading

Suggested Activity:

<http://www.teachingtreasures.com.au/maths/mental-maths/yr7-maths-pg3.htm>